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L 2334-66 EWT(1)/FCC GW-ACCESSION NR: AP5016289 UR/036 551.52

UR/0362/65/001/006/0607/0614 551.521.32

AUTHOR: Faraponova. G. P.

TITLE: On the connection between the transparency of the free atmosphere and some meteorological characteristics

SOURCE: AN SSSR. Izvestiya. Fizika atmosfery i okeana, v. 1, no. 6, 1965, 607-614

TOPIC TAGS: aerosol, atmospheric condensation, atmospheric humidity, atmospheric visibility

ABSTRACT: Certain relations are derived between the aerosol component of the attenuation index of individual layers of the atmosphere at a wavelength of 0.44 μ and the humidity characteristics. At a relative humidity of 70--80 per cent the air becomes much less transparent, probably because of condensation and growth of the aerosol particles. This is particularly the case in sub-inversion layers. The aerosol optical density of the atmosphere above 6.5 km was found

Card 1/2

L 2334-66 AP5016289 ACCESSION NR:

12

to depend on the structure of the tropopause. It was also observed that the transparency of the individual layers of the atmosphere changes during the course of the day in clear summer days, the transparency being worse in the morning than in the evening. During the morning hours, the transparency in the 0.5--3.5 km layer became somewhat worse because of the formation of haze layers. The atmosphere above 6.5 km changes more noticeably in transparency during the day. This work was performed in 1960 in the Tsentral naya aerologicheskaya observatoriya (Central aerological Observatory) under the guidance of the late/V. G. Kastrov/, but was completed and Written up at Institut fiziki atmosphery AN SSSR (Institute of Physics of the Atmosphere). The author thanks Q. V. Rozenberg for an opportunity to finish the work and for the remarks made during its preparation for press. 1 Orig. art. has: 1 figure, 4 formulas, and 5 tables.

ASSOCIATION: Institut fiziki atmosphery akademiya nauk SSSR (Institute of Physics of the Atmosphere, Academy of Sciences, SSSR)

SUBMITTED: 11Nov64

ENCL:

44.55 SUB CODE:

NR REF SOV: 008

OTHER: 004

First Aid

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BENEDEK, Judit, Dr.; National Ambulance Service, Ambulance Station, Pecs, (chief physician: FARBAKY, Ivan, Dr.) (Orszagos Mentoszolgalat, Pecsi Mentoallomas).

"Electric Shock and Resuscitation."

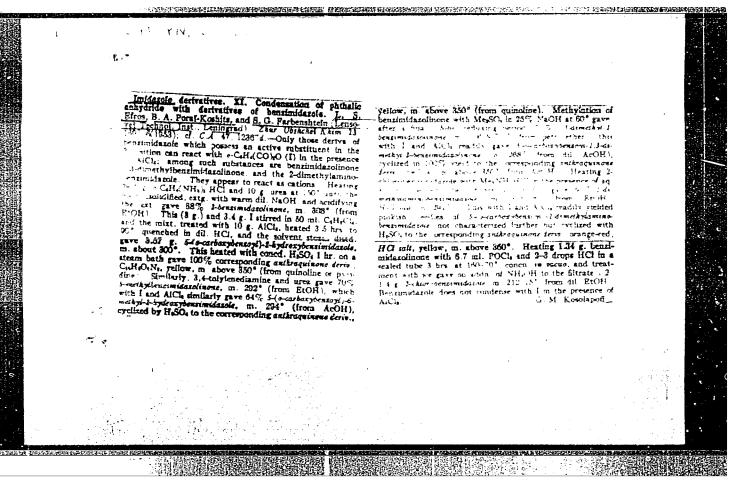
Budapest, Oryosi Hetilap, Vol 107, No 43, 23 Oct 66, pages 2035-2038.

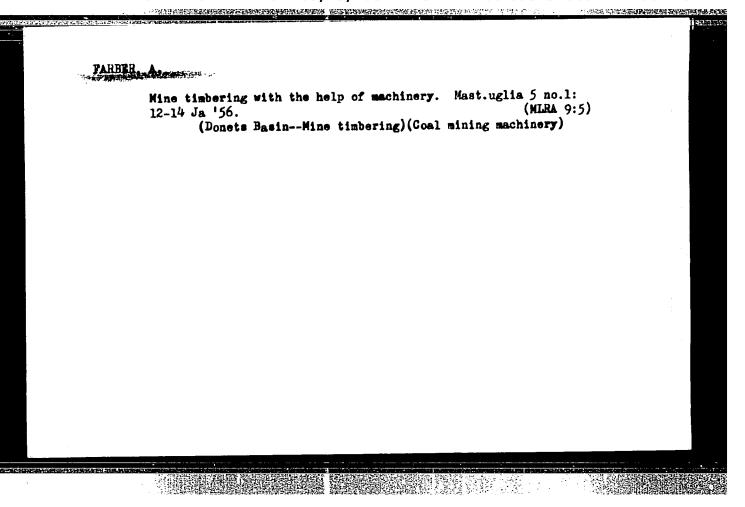
Abstract: [Author's Hungarian summary] The case of a young man is described who was resuscitated after a lethal shock from high tension electricity and was kept alive for 1) days. The author joins those who stress the importance of an expansion of teaching the use of modern resuscitation techniques, at the site of an accident, since the time factor is of decisive importance in the warding off of irreversible damage to the cerebral cortex. 15 Eastern European, 16 Western references.

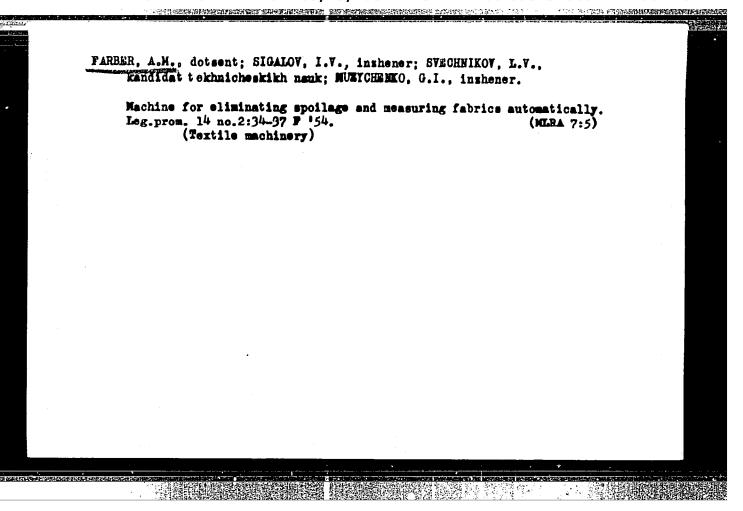
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: Noise analysis for determining the performance of

FARBER, AM

Title

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THE STANCES BY

Subject : USSR/Engineering

Card 1/1 Pub. 128 - 2/26

Authors : Gatkin, N. G., and A.M. Farber, Kandidats Tech. Sci.

Periodical: Vest. mash., 5, 6-7, My 1956

Abstract : The use of noise analyzers for evaluating

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machines and mechanisms.

: The use of noise analyzers for evaluating the quality of machines and mechanisms is discussed. Two analyzers are described for recording wave spectra for low and high frequencies (2-25 cycles and 400-10000 cycles). These devices are recommended by the author on the basis of his experience. 5 illustrations. 3 references.

pasis of his experience. 5 illustrations. 3 references.

Institution: None

Submitted : No date

171

Farber, A. M. AUTHOR:

Accuracy of Gear Cutting Machines and Methods of TITLE:

Improvement. (Tekhnologicheskaya tochnost' zuboreznykh

stankov i sposoby Jeye povysheniya)

Gosudarstvennoye nauchno-tekhnicheskoye izdatel'stvo PUB.DATA:

machinostroitel'noy literatury, Kiyev-Moscow, 1957,

192 pp., 10,000 copies.

ORIG.AGENCY: Not given

Gluvchinskiy, Ye. V., Cand. of Tech. Sciences; Ed. in EDITORS:

Chief: Zalogin, N.S.: Reviewers: Gal'perin, Ye. I., Engineer; Lyapunov, M.A., Cand. of Tech. Sciences, Docent; Tech. Ed.: Rudenskiy, Ya. B.; Ed. of the Publ. House: Lenta, V. I., Engineer.

This book is intended for engineers and technicians PURPOSE:

working in the field of gear manufacturing.

The author discusses the sources of errors and **COVERAGE:**

describes methods for improving accuracy in gear manu-

facturing processes. He admits the complexity of the

Card 1/5

er mengenaddartherauspharatusp 171 Accuracy of Gear Cutting Machines and Methods of (Cont.) engineering problems connected with gear cutting and points out that a number of Soviet researchers and design and production engineers are working on the development of gear cutting machines and operating methods which will make for greater accuracy in gear manufacturing processes. The following personalities and their fields are mentioned: Bruyevich, I. G., Borodachev, I. A., general theory of precision; Kalashnikov, N.A., theory of practical mechanisms; Tayts, B.A., Genkin, M.D., Arkhangel'skiy, L.A., and Petrusevich, A.I., quality control standards. There are 66 references of which 54 are Soviet, 11 US, 1 German. TABLE OF CONTENTS: Page 3 Preface I. Gear Accuracy 5 II. Precision of Gear Cutting Machines 15 1. Methods of cutting and their effect on gear 15 accuracy Card 2/5

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AVAILABLE: Library of Congress Card 5/5	

ALRENT Alebeach M. S., kandidat tekhnicheskikh neuk, dotsent, retsenzent;

CLUVCHINSKIY, Ye.V., kandidat tekhnicheskikh neuk, redaktor;

LENTA, V.I., inshener, redaktor izdatel'stva; RUDENSKIY, Ya.V.,

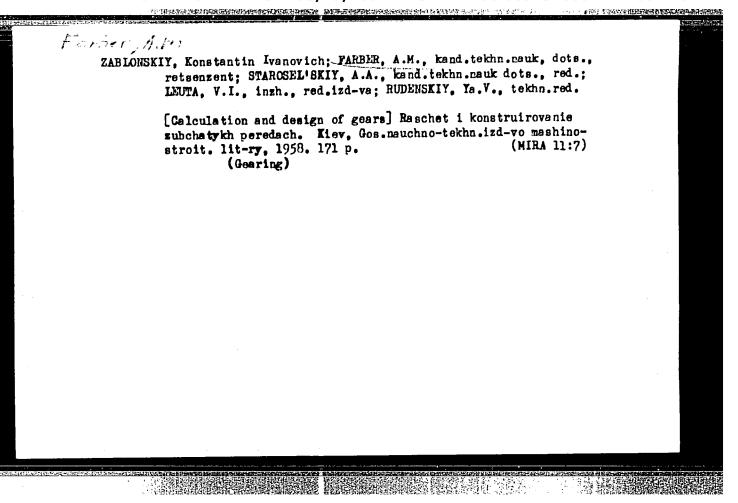
tekhnicheskiy redaktor

[Engineering precision of geer cutting machines and means of
improving it] Tekhnologicheskaie tochnost' suboreznych stankov i
sposoby se povyshenia. Kiev. Gos.mauchno-tekhn.izd-vo mashinostrit.

1it-ry, 1957. 190 p. (HARA 10:10)

(Geer-cutting machines)

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FAREAS, A. 41.

KHAYMOVICH, Ye.M., otv.red.; CUL'KO, M.M., red.; ZASLAVSKIY, S.Sh., red.;

LOPATA, A.Ya., red.; LYCH, N.M., red.; ORLIKOV, M.L., red.;

PAYNERMAN, I.D., red.; KHARAGORGIYEV, S.I., red.; V retsenzirovanii i redaktirovanii prinimali uchastiye: GREBEN', I.I.; ZAMANSKIY, S.M.; IVAKHNENKO, A.G.; MESEZHNIKOV, V.L.; MOSENKIS, M.G.; FARBER, A.M.. SOROKA, M.S., red.izd-va.

Providence and the control of the co

[Mechanization and automation in the machinery industry] Mekhanizatsiia i avtomatizatsiia v mashinostroenii. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 286 p.

(MIRA 12:8)

1. Nauchno-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Kiyevskoye oblastnoye pravleniye.

(Automation) (Machinery industry)

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YAKIMOVICH, V., inzh.; MAGONIN, P.; SHELEST, S.; OSNOVIKOV, G.; KALACHEV, O., inzh.; DOKTORMAN, M.; ZHITYAYEV, S.; FARBER, A., inzh.

Suggestions of efficiency operators introduced at grain procurement stations and grain-milling enterprises. Muk.-elev. prom. 25. no.4:23-29 Ap 159. (MIRA 13:1)

1. Ministerstvo khleboproduktov Kazakhskoy SSSR (for Yakimovich).
2. Chelyabinskoye upravleniye khleboproduktov (for Magonin).
3. Glavnyy inzhener Novomoskovskogo zavoda po obrabotke semyan kukuruzy (for Shelest). 4. Altayskoye upravleniye khleboproduktov (for Osnovikov).
5. Ministerstvo khleboproduktov BSSR (for Kalachev).
6. Luganskoye upravleniye khleboproduktov (for Doktorman).
7. Kuybyshevskoye upravleniye khleboproduktov (for Zhityayev).

(Grain elevators) (Grain milling)

FARBER, A., inzh.

Mechanized grain handling at granaries of the No.5 Flour Mill in Abramovka. Muk.-elev. prom. 25 no.4:29 Ap '59.

(MIRA 13:1)

1.Abramovskaya mel'nitsa No.5 Voroneshskogo oblastnogo upravleniya khleboproduktov (for Farber).

(Abramovka--Grain-handling machinery)

TARTAKOVSKIY, Grigoriy Aleksandrovich; NIKOLAYEVA, T.A., red. izd-va; FARHER, A.M., red.; SOROKINA, T.M., tekhn. red.

[New system for the construction of pipelines in the form of suspended lines; theory, calculations, design] Novaia sistema socruzheniia truboprovodov v vide provisaiushchikh nitei; teoriia, raschet, proektirovanie. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 160 p. (MIRA 15:2) (Pipelines)

BOLYCHEVSKAYA, G.N.; MARTYNOVA, Ye.A.; NOVIKOVA, M.V.; FARBER, A.M.; CHEREPANOVA, N.S.; DUBOVA, R.Kh.; MASSAROVA, K.A., red.; DZYUBAK, A.V., tekhn. red.

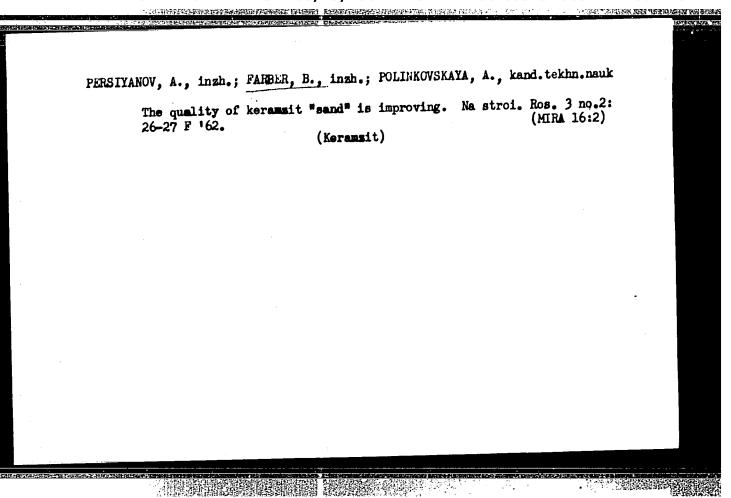
[National economy of Archangel Province; collection of statistics] Narodnoe khoziaistvo Arkhangel'skoi oblasti; statisticheskii sbornik. Vologda, Gosstatizdat, 1962. 158 p. (MIRA 16:4)

1. Archangel (Province) Oblastnoye statisticheskoye upravleniye. 2. Statisticheskoye upravleniye Arkhangel'skoy oblasti (for all except Dzyubak). 3. Nachal'nik Statisticheskogo upravleniya Arkhangel'skoy oblasti (for Massarova). (Archangel Province—Statistics)

FIMENOV, Aleksandr Nikolayevich. Prinimal uchastiye UTKIN, N.A., dots.; CONIK, A.A., kand. tekhn. nauk, retsenzent; FARBER, A.V., inzh., retsenzent; LEBEDEV, N.I., red.

[Machines and mechanisms for lumber floating] Mashiny i mekhanizmy na lesosplave. Izd.2., ispr. i dop. Moskva, Lesnaia promyshlennost', 1965. 388 p. (MIRA 19:1)

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FARBER, B. D.

104-3-26/45

Kofman, R.D., Farber, B.D. and Tsukerman, P.V., Engineers.

Trestle-type double cantilever crane type K2K-20/37. AUTHOR: TITIE:

(Kozlovyy dvukhkonsol'nyy kran K2K-20/3g)

"Elektricheskiy Stantsii" (Power Stations), 1957, Vol. 28, No.3, pp. 72 - 74 (U.S.S.R.) PERIODICAL:

ABSTRACT: Most structural and erection areas of power stations are provided with travelling bridge cranes for loading and unloading work and for assembly of parts of the boilers. Cranes type K 202 that have been used in the past have a span of 20 m and can lift 20 tons and the span can be increased to 26 and 32 m if the load is reduced to 15 and 12 tons, respectively. Additional parts have been designed for this crane so that it can lift the full 20 tons over a span of 32 m - however, all these types of crane can only serve a narrow area. Therefore, a new type of crane has been designed which can use either a 20 ton hook or a 3 m grab. The span between supports is 32 m and the total travel of the trolley is 49 m wide. If railway and crane tracks are subtracted the useful span is 42 m. This great width makes it possible greatly to shorten the length of the assembly area and of associated railway tracks, which can be very important. Directions are given Card 1/2

104-3-26/45

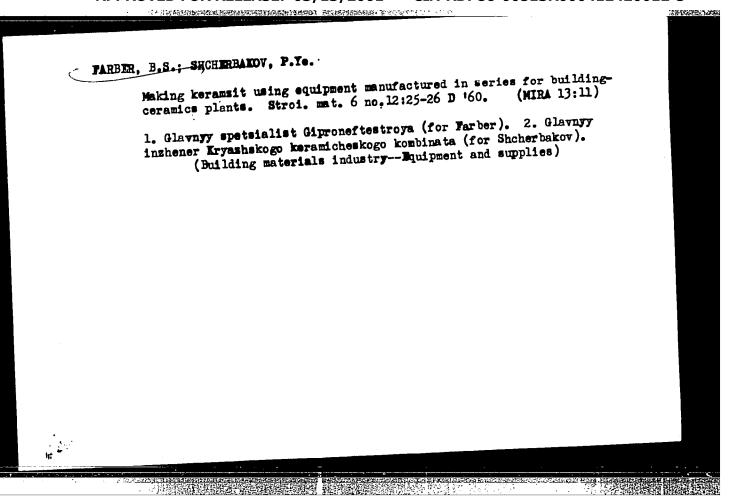
Trestle-type double cantilever crane type K2K-20/3. (Cont.) for assembly of the crane and its protective equipment is described.

There are 2 figures.

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Capacity for work in hypertension; current observations in industry. Terap.arkh.27 no.3:15-19 "55. (MLRA 8:9)

1. Is Rostovskogo-na-Dony filiala (dir.-kandidat meditsinskikh nauk, S.I. Ribakha] Tsentral nogo instituta eksperisy trudosposobnosti i organisatsii truda invalidov. (HYPENTENSION, physiology, working capacity)

(WORK, working capacity in hypertension)

nerve, to disturbance of the rhythm and a

conditions of parabiosis of the retina leads, in the nervous system. A further strengthening of the mates by its morphological properties the central these rules also apply to the retina which approxiing of the irritation. It is to be expected that the cells are interrelated by way of local spreadupon a certain level of functional motility when ized rhythm in the central nervous system depends ing to I. P. Rusinov, the appearance of a synchron-

FARBER, D. A.

USSE/Medicine - Electrophysiology of the Optic Merve

Sep/Oct

of the Optic Analyzor," D. A. Farber, Lab duction of Perielectrotonics in the Peripheral Ends Inst of Neurosurg imeni N. N. Burdenko, Acad Med Electrophysiological Changes Apparent From Intro-

of Physical

"Yap Neyrokhirig," No 5, pp 21-26

with perielectrotonic effects on the retina changes A focus of constant irritation to the optic nerve rhythmic action. The changes in the development of up on the electroretinogram as a curve of spontaneous the functional conditions of the retina and shows the elec action potential of the retina match the magnitude of parabiosis of the nerve. Accord-

conclude that in diseases of the ontic nerve, due to only to pos functional condition of the retina. We fore the action of the spontaneous rhythm relates electroretinogram is of diagnostic value. predominantly lower electrotomic potential. Therepressure by tumors, or scar formation, use of the 198161

# PAREER, D.A.

Effect of parabiotic focus in the optic nerve on changes of electrical activity of the retina. Fisiol. sh. SSSR 38 no.3:303-311 May-June 1952. (CIML 23:2)

1. Laboratory of Physiology of the Institute of Neurosurgery imeni Academician N. N. Burdenko of the Academy of Medical Sciences USSR.

FAREER, D. A.

"Mectrical Activity of the Metina in Presence of a Food of Steady Irritation in the Optic Merve at the Cortical End of the Visual Analyser." Cand Biol Sci, Inst of Meurosurgery, Acad Med Sci, USSR, Pascow, 1953. (ExhBiol, No 1, Sep 54)

S0: 3um 432, 29 Mar 55

## NOVIKOVA, L.A.; FARBER, D.A.

Electrophysiologic research on the connection of the auditory and visual analysors in the rabbit. Fisiol.shur. 42 no.5:341-350 My *56.

(MIRA 9:11)

1. Laboratoriya fisiologii i patologii nervnoy sistemy Instituta neyrokhirurgii AMN SSSR, Noskva.

。1914年1月77日中国共和国共和国共和国国际中国国际工程中国际工程中国的国际政策的发展。1915年1月7日(1915年)

(CEREBRAL CORTEX, physicl.

dominant creation by visual stimulation & reenforcement by auditory stimulation, REG)

(BLECTROENCEPHALOGRAPHY

in dominant reation by visual stimulation & reenforcement by auditory stimulation)

NOVIKOVA, L.A.; PARBER, D.A.

Study of synchronised rhythms in the cortex and the reticular formation of rabbit brain appearing during the orientation reaction. Fisiol.shur. 45 no.11:1293-1303 H 159. (MIRA 13:5)

1. From the Research Institute of Defectology, R.S.F.S.R. Academy of Paedagogical Science, and Institute of Obstetrics and Gynaecology, Mowcow.

(CEREBRAL CONTEX physiol.)

(GEREBRAL CONTEX physiol. (BRAIN STEM physiol.) (ORIENTATION physiol.)

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FARBER, D. A. (Moskva)

O roli retikulyarnoy formatsii stvola v reaktsii usvoeniya ritma svetovykh mel'kaniy

report submitted for the First Moscow Conference on Reticular Formation, Moscow, 22-26 March 1960.

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## IVANOV, I.P.; FARBER, D.A.

Electrical activity of the cerebral cortex in pregnancies complicated by late toxemias. Akish. i gin. 38 no.5:67-71 S-0 162. (MIRA 17:11)

1. Iz otdeleniya patologii beremennosti (zav. - dotsent Ye.P. Romanova) i fiziologicheskoy laboratorii (zav. - prof. A.O. Dolin) Nauchno-issledovatel'skogo instituta akusherstva i ginekologii (dir. - prof. O.V. Makeyeva) Ministerstva zdravookhraneniya RSFSR.

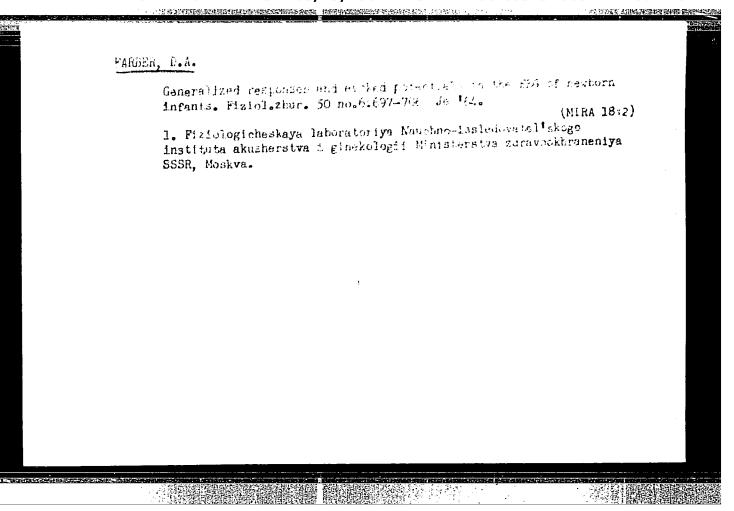
COLUBEVA, Ye.L.; YELIZAROVA. I.P.; FARBER, D.A.

State of the central nervous system in newborn infants following asphyxia during labor. Akush. i gin. no.6:25-29 N-D 163.

(MIRA 17:12)

l. Iz Instituta akusherstva i ginekologii (direktor prof. 0.V. Makeyeva) Ministerstva zdravookhraneniya SSSR.

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DOLIN, A.O. (Moskva); FARBER, D.A. (Moskva); ZMANOVSKIY, Yu.F. (Moskva)

Determination of the lability of nervous processes based on the reaction of assimilating the rhythm of light flickering. 7hur. vys. nerv. deiat. 15 no.2:381-392 Mr-Ap '65.

(MIRA 18:5)

EPSHTEYN, R.B.; FARBER, E.L.; GUTENEVA, L.Z.; SHMUYLOVICH, B.S.

Vanillin from sulfate liquors. Bum.prom. 37 no.1:20 Ja '&2.

(MINA 15:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti.

(Woodpulp)

(Vanillin)

L 63156-65 EPF(n)-2/EPA(s)-2/EWT(m)/EWP(b)/EWP(t) WW/JD/JG

ACCESSION NR: AR5017410

UR/0137/65/000/006/V040/V040

SOURCE: Ref. zh. Metallurgiya, Abs. 6V260

AUTHOR: Farber, E. V.; Samsonov, V. I.

TITLE: Heat transfer between an ingot and crystallizer when melting with a

consumable electrode

CITED SOURCE: Elektrotermiya. Nauchno-tekhn. sb., vyp. 39, 1964, 24-27

TOPIC TAGS: heat transfer, ingot crystallization, vacuum melting, metal melt-

ing, helium, arc furnace

TRANSLATION: The heat transfer coefficient from an ingot to a crystallizer in an arc furnace with a consumable electrode has been determined. For vacuum melting this coefficient is 100 kcal/m² hr degree, and for melting in a helium atmosphere it is 200 kcal/m² hr degree. It was established by calculation that an increase in the degree of cooling of the ingot above a certain critical value of the Biot number has practically no effect at the bottom of the bath of liquid metal. For this reason, this is all the more expedient, since with an increase in the Biot

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I 29955-65 EMI(m)/EMP(t)/EMP(b) JD

ACCESSION NR: AP5003494

8/0148/65/000/001/0037/0042

AUTHOR: Samsonov, V.I.; Farber, E.V.

TITLE: Temperature field of an ingot during fusion with electrode consumption

SOURCE: IVUZ. Chernaya metallurgiya, no. 1, 1965, 37-42

TOPIC TAGS: ingot, ingot formation, electrode smelting, ingot meniscus, ingot temperature field

ABSTRACT: Fusion in arc ovens with electrode consumption is not fully understood as far as the thermal processes accompanying the ingot formation from the smelt are concerned. Knowledge of the temperature field of the hardening ingot is, however, necessary for the development of the smelting technology from the viewpoint of the macrostructure of metals, distribution of the alloy component, mechanical properties, etc. To elucidate this question, the authors developed an analytic computational method for the calculation of the temperature field in the vertex part of the ingot based on the experimentally known fact that, from a certain instant of time, the shape and dimensions of the liquid meniscus remain unaltered. This quasi-stationary state is examined on a cylindrical ingot using moving coordinates connected to its upper face, and the discussion starts from the non-stationary Fourier equation for the nonstationary temperature field in the absence of

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### "APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000412420012-5

L 29955-65 ACCESSION NR: AP5003494 21

internal sources. The results of the calculation show that an increase in the heat transfer coefficient at the surface of the ingot may be achieved only to a certain limit by reducing the radius of the meniscus, the limit depending on the heat conductivity of the material and the radius of the ingot. This conclusion was confirmed experimentally using a 345 mm diameter ingot. Other calculations show that the kinetics of hardening are easier to control in the case of ingots of rectangular cross section, and that a reduction in cooling intensity significantly increases the dimensions of the liquid bath. "Bachelor of Engineering Sciences I.B. Kumanin supervised the work." Orig. art. has: 23 formulas and 5 figures.

ASSOCIATION: Moskovskiy institut stali i splavov (Moscow steel and alloys institute)

SUBMITTED: 14May64

ENCL: 00

SUB CODE: MM

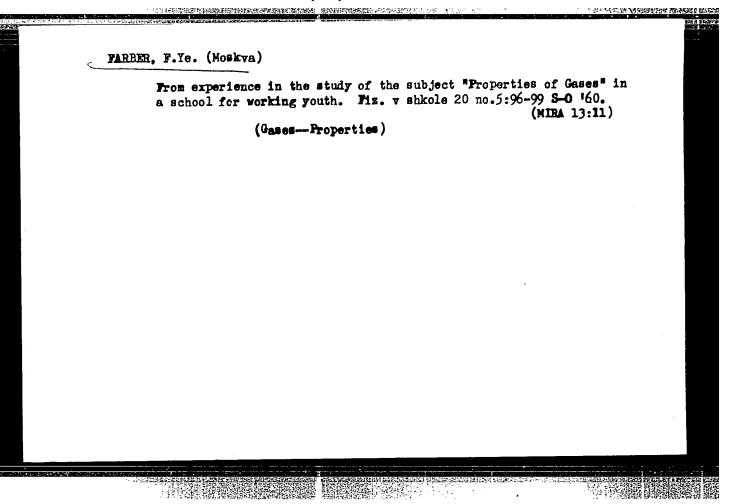
NO REF SOV: 006

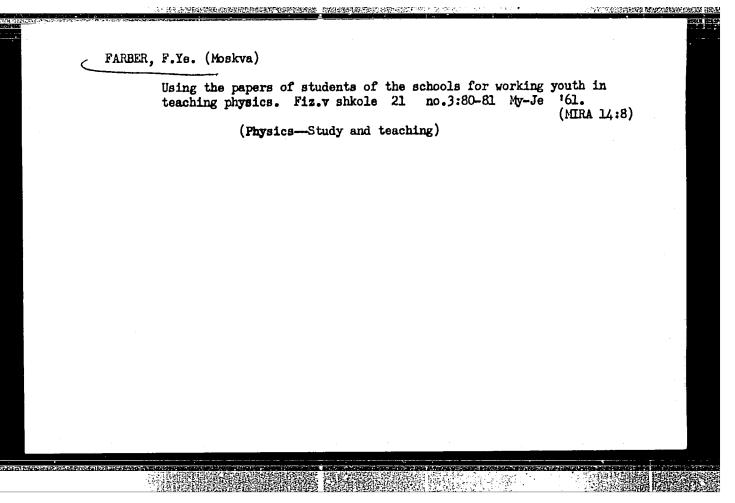
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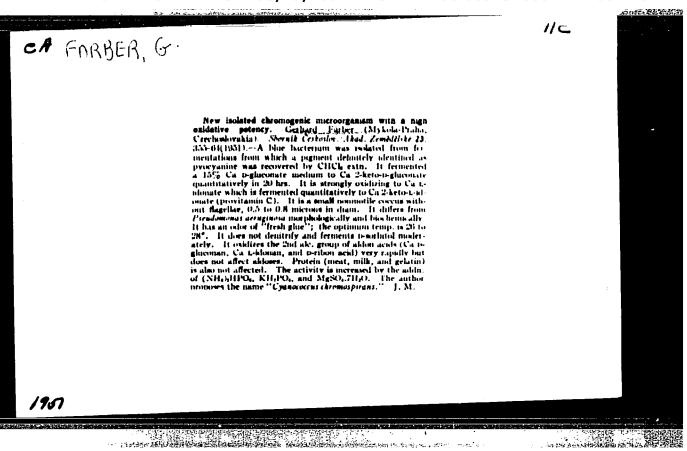
Card 2/2

EWP(h)/=WP(h)/EWP(d)/EWP(m)/EWP(v)/WP(t)/ETT/EWP(1)-JD L_05903-67 ACC NR AR6017480 SOURCE CODE; UR/0137/66/000/001/B014/B014 AUTHOR: Farber, E. V.; Khotin, V. A. TITLE: On the relationship between the power of an electron-beam melter, and the size of the liquid bath during slag melting SOURCE: Ref. zh. Metallurgiya, Abs. 1886 REF SOURCE: Elektrotermiya. Nauchno-tekhn. sb., vyp. 45, 1965, 50-54 TOPIC TAGS: slag, electroslag melting, electron beam melting ABSTRACT: An attempt is made to establish an analytical relationship between the basic process parameters, the power of the installation and the volume of the liquid bath for various conditions of heat exchange between slag of a given geometry and the watercooled crucible. The effect which the intensity of this heat exchange has on the size of the liquid bath is determined. The optimum values for the Biot number are roughly between 0.5 and 1.0. An increase in the height of the automatic ladle increases the volume of the liquid bath and the slag utilization factor. The quantity of accumulated melt may be effectively increased by enlarging the diameter of the automatic ladle. The power density depends on the ladle geometry and the heat exchange conditions on its surface. Slag melting at Biot numbers greater than 1 is advisable from the thermal engineering standpoint. 5 illustrations. V. Pryanikova. [Translation of abstract] JUR CODE; 13 Card 1/1 LDC: 669:621.365

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412420012-5"







FARBER, G.

YONDROVA-HOVEZOVA, O.; FARBER, G.; LUKSIK, B.

Improvement of production of Canda2aketogluconate by utili

Improvement of production of Ca-d-2-ketogluconate by utilization of fermentation of bacterial dissociation. Chekh. biol. 3 no.2: 108-118 Apr 54.

1. Institut biologii ChSAW, sobraniye kul'tur, Praga.
(GLUCOMATES, preparation of,

*keto glucomate of calcium, prod. with bact. dissociation)
(BACTERIA,

*dissociation, in prep. of calcium keto glucomate)

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-Farber G

A new method for the isolation of divydroxyacetone and t-sorbose from fermentation liquors. I. Liehster, B. Lukšík, G. Pather, and V. Svobalt (Csl. akad. vkd. Prague) Chem. Trity 50, 305-7(1950).—Dinydroxyacetone (I) was isolated from fermentation liquors by the simplified Neuberg procedure (C.A. 20, 8810°) or by using ion exchangers, the solated from fermented to 95.5% was filtered exchangers, the solated for the simple state of the solated for the simple state of the solated for and kieselguhr, the filtrate was exaption to 20 to a 75% cirup, the sirup was extil at 20 to a 75% cirup, the sirup was exist at 20 explicit in total at 20 to a 75% cirup, the sirup was exist at 20 expl. in total at 20 to a 75% cirup, the sirup was exist at 20 expl. in taken at 18° to a sirup contg. 85% solid substance the sirup was dild, with 200 ml. BtOH. The crystals of I were filtered with suction (720 g.); the filtrate was evapd, and worked up similarly to give aidnl. 87 g. I. Total yield of I, m. 70-2°, was 807 g. (77%). The crude I was dissolved in H₂O, filtered with activated C, and evapd, to a 80% sirup; this was dild, with EtOH and placed in an icebox 2 days; the crystals (760 g. 71%) were filtered and dried in sacuo, m.p. 78-80°. Another method of isolation started with 20 1.5% glycerol substrate. The sola, was filtered over activated C and kiesel-

guhr, then passed through an 80-ca., column coatg. 3 1, of Worfattic KS (III) and through a column with Worfattic MD (IV) (2 hrs. cach). The four exchangers were weslied with 20 1, distd. II₃O at 30°, and the solar was except at 17-20° is to 30 to a 70% sirup; this was seeled with I, allowed to stand 2 days in the feebox, dild, successively with 460 ml. BtOH, the crystals were filtered and washed with 200 ml. BtOH (648 g. I), and the nother liquors evapd, to give addnt. 148 g. I. Total yield of I was 706 g. (79.6%), m.p. 91-3°. Fermentation of 15% to-sorbitol with Acciobacter suboxydins at 30°, 30 hrs., filtration of the solar fermented to 95% over activated C and kieselguhr, passing it at 40° through a 30-cm. column contex. 1.5 1. III and another column contg. IV, washing the ion exchangers with 4 1. H₂O, evapg, the sola, in wave, allowing it to stand in the feebox, filtering the crystals, and washing them with H₂O and MeOH gave 1304 g. (87%) II, m. 157-0°, [a³]y + 93.2°.

"10. 多可能是明显性处理和研究的研究性是新了时间的明显对一种政治的特别的企业的可能是否的

FARBER, GERHARD.

Symbiosy a metabiosy nahnileho ovoce. Praha, Narodni museum, 1957. 71 p. (Prague. Narodni museum. Sbornik B: Prirodovedny, v. 13, no. 1-2)

Symbioses and metasymbioses in rotten fruit. In German with Czech summary. illus., bibl., diagrs., footnotes, tables. Gerhard Farber, Olga Vondrova, Eva Streiblova: Morphologic and metabolic properties of zones of microbial macrocolonies (bact.) on solid media. In German with Czech summary. illus., bibl., diagrs., tables. Bohuslav Ruzicka, Ferdinand Prantl: Some imperfectly known "aviculoid" pelecypoda from the Silurian and Devonian of Bohemia. IN English with Czech summary. illus., bibl.

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

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CZECHOSLOVAKIA / Microbiology. General Microbiology.

Growth and Dovelopment of the Microbe

Population.

· 定点上記述的名字的時間的影響的影響的影響的影響。 (多名表記的影響的影響)

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 19408

Author : Faerber, G.; Vondrova, O.; Streiblova, E. Inst : Not given

Title : Concerning Morphological and Biochemical Peculiarities in the Formation of Zones in

Microbe Macrocolonies

Orig Pub : Sbor. Narodn. musea Praze, 1957, Bl3, No 1-2,

24-52

Abstract : The study of macrocolonies of various species

of bacteria in different solid media of various agar concentrations indicates that clearly defined zones in them are often developed in 24 hours. The zones are

Card 1/3

CZECHOSLOVAKIA / Microbiology. General Microbiology.
Growth and Development of the Microbe
Population.

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Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 19408

particularly clearly established in 48-72 hours of cultivation in media with an agar concentration of 2.5%. The ability to form especially sharp zones is established by one strain of Pseudomonas "cychro", which in all these media formed macrocolonies in 24 hours; in these macrocolonies, 3 clearly circumscribed zones stood out in 48-72 hours. Sharp differences in biochemical activity in the subcultures obtained from various zones of the colonies of the Pseudomonas "cychro", developed; particularly, the greatest activity of fermentation in various hydrocarbons is displayed by the culture originating in the

Card 2/3

CZECHOSLOVAKIA / Microbiology. General Microbiology.

Growth and Development of the Microbe Population.

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 19408

zone designated "Vicin", which formed at the edge of the colony in the form of a rising shaft. These differences in biochemical activity in the cultures, developed in various parts of the colony, proved to be fixed hereditarily. On the basis of the results obtained, the authors wo sed out a method of a "two-phase" selection of the strains having industrial value. -- G. P. Kalina

Card 3/3

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412420012-5"

FARBER, G.; LIEBSTER, J.; VONDROVA, O.

"Quantitative fermentation of Ca-2-keto-D-gluconate in a mixture of Ca-D-gluconate and Ca-L-idonate by means of <u>Pseudomonas chromospirans</u> Farber"

Ceskoslovenska Mikrobiologie. Praha, Czechoslovakia. Vol. 3, no. 4, 1958

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 7, July 59, Unclas

FAREF sov/95-59-2-4/13 Farber, G.A. and Grosman, S.V., Engineers AUTHORS: From the Experience Cained in Planning Electro-Draining Pro-TITLE: tection of Pipelines in Moscow (Iz opyta proyektircvaniya elektrodrenazhnoy zashchity truboprovodov v Hoskve) Stroitel'stvo truboprovodov, 1959, Hr 2, pp 9-10 (USSR) PERIODICAL: The effect of stray currents causing corresion to metal pipe-ABSTRAC': lines is a serious menace to the underground installations of a city. Diagram Nr 1 shows the circulation of stray currents under an electrified RR track affecting an underground pipeline. Experience tends to show that drainage protection is the most effective in steady anode zones. This kind of protection consists in draining the stray currents in pipelines by a special device and a drainage cable and returning them to the source of their origin. On the basis of experience gained, it has been accepted to observe the following sequence of experimental work in planning an electro-draining protection: On the basis of the analysis of electrometric investigations the exact location of the draining point on the pipeline is determined as well as the point of connection of the draining cable to the return current net work of electrified rails. A trial installation of electro-drainage is then set up, which permits to de-Card 1/2

SOV/95-59-2-4/15

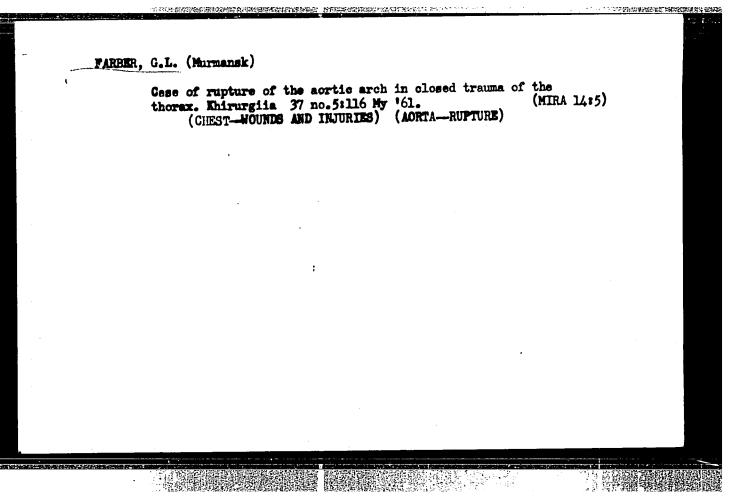
From the Experience Gained in Planning Electro-Draining Protection of Pipelines in Moscow

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termine the best working conditions and the required cross section of the draining cable. After a certain amount of practice, the amount of experimental work can be cut down considerably; thus a permanent installation can be set up immediately after the analysis of electromagnetic investigations is completed, cutting out the trial installation altogether.

There are: 1 diagram and 3 graphs.

Card 2/2



PIGIN, R.N., kand. tekhn. nauk; PONNIK, Yu.A.; FARRER, I.L., doktor tekhn.nauk

Using the method of electrohydrodynamic analogies to investigate certain problems of underground coal gasification. Podzem. gaz. ugl. (MIRA 11:12)

no.4:46-49 '58.

1.Institut goryuchikh iskopayemykh im. G.M. Krzhizhanevskege AN SSSR. (Ceal gasification, Underground--Medels)

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FARBUR	, I.M., doroshnyy master	
*Benefit de serve comment que provençando entre	Improve the administrative structure of the highway maintenance service. Avt.dor. 23 no.7:15 Jl *60.  (MIRA 13:7)	
	1. Doroshno-ekspluatatsionnyy uchastok no.265. (Roads-Maintenance and repair)	

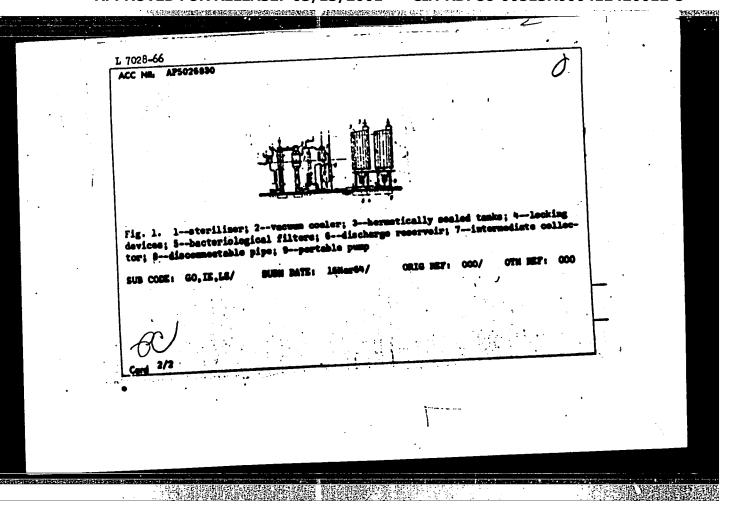
Washing of returned glass containers with a continuous water and steam jet. Kons. i ov. prom. 14 no.10:24-25 0 '59.

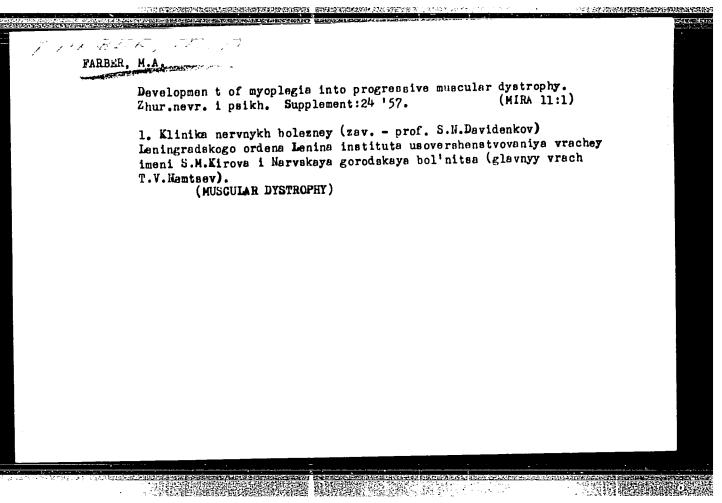
(MIRA 12:12)

1.Stalingradskiy konservnyy zavod.

(Canning and preserving--Equipment and supplies)

AC	7028-66 C NR: AP5026830 THOR: Lemarin've	يد K. P.: Drobny.	b. V.; Chebalak, A. N.;	/65/000/017/0116/0116 Miroshkin, F. Ya.;	3/	
Pe	tryanov-Sokolov,   G: none	ر. V.; Besmenov,	P. I.; Farber, L. D.; Kh	alupnaya, L. I.	3	
TI	TLE: An installat large storage ta	tion for aseptic nks. Class 53, 1	preservation of liquid a No. 174520	nd puree-type foodstuf	fs ,	
· .	-	H.i.h	ovarnykh snakov, no. 17, product machinery, food s			
un fi	rvation of liquid it consists of in cate No. 160108,	and purse-consister terconnected stem a vacuum cooler, ing to Author's d for continuous	e introduces: 1. An inst stency food products in 1 riliser pipelines made ac hermetically sealed tank Certificate No. 168109, a operation and for preven	arge storage tanks. T cording to Author's Ce as equipped with lockin and bacteriological fil ting admission of any	he rti- d toru. un-	. :
to ti	erilised product. rmediate collecto on of this instal	The unit is equal to the letter in which the hermatically	uipped with a discharge x he reservoir and to the s connections are simplific sealed tanks and the vac	reservoir and with an interilizer. 2. A modified by using a disconnective cooler, and a port	ica-	
et te ti te	erilised product. rmediate collecto on of this instal	The unit is equal to the letter in which the hermatically	uipped with a discharge x he reservoir and to the s connections are simplifis	eservoir and with an i terilizer. 2. A modifi d by using a disconnec- num cooler, and a port on the tanks.	ica-	
et te ti te	erilized product. resdiate collector on of this instal ble pipe between mp with a flexible	The unit is equal to the letter in which the hermatically	uipped with a discharge x he reservoir and to the a connections are simplifie sealed tanks and the vec ding the feed products fr	eservoir and with an i terilizer. 2. A modifi d by using a disconnec- num cooler, and a port on the tanks.	ica-	
at te ti ta	erilized product. resdiate collector on of this instal ble pipe between mp with a flexible	The unit is equal to the letter in which the hermatically	uipped with a discharge x he reservoir and to the a connections are simplifie sealed tanks and the vec ding the feed products fr	eservoir and with an i terilizer. 2. A modifi d by using a disconnec- num cooler, and a port on the tanks.	ica-	





Treatment of diseases of the peripheral nervous system with vitamin B₁₂. Sov.med. 22 no.6:64-68 Je '58 (MIRA Ll:9)

1. Is nevrologicheskogo otdeleniya (sav. N.A. Farber) Marvskoy gorodskoy bol'nitsy (glavnyy vrach A.I. Blum).
(MERVES, PERIPHERAL, dis.
ther., vitamin Bl2 (Rus))
(VITAMIE Bl2, ther. use peripheral MS dis. (Rus))

Importance of the study of the galvanic pain test in the diagnosis of lumbosacral radiculitis. Vrach.delo no.7:759-760 Jl 159.			
1. Nevrologicheskoye otdeleniye (zav. skoy bol'nitsy Estonskoy SSR.	(MIRA 12:12)		
(NERVES, SPINAL-DISEASES)	(PAIN)		
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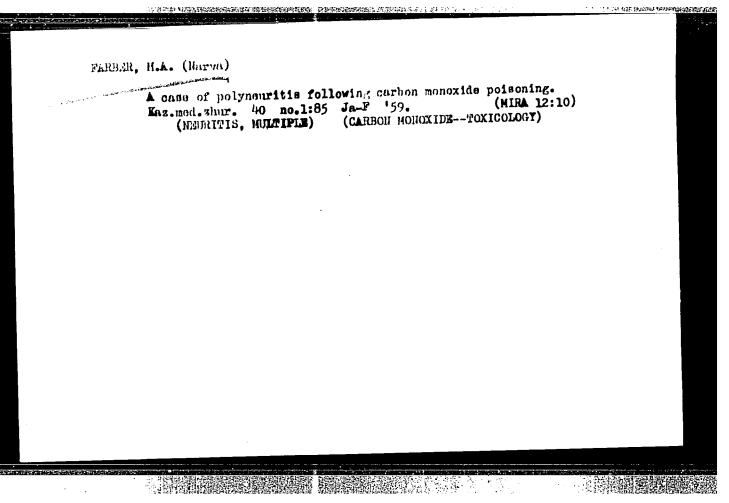
FAREER, M.A.; KOLOVSKIY, L.Ya. (Marva)

Gase of abdominal acrtic thrombosis diagnosed at the site of bifurcation. Thin med. 37 no.7:126-127 J1 '59.

(MIRA 12:10)

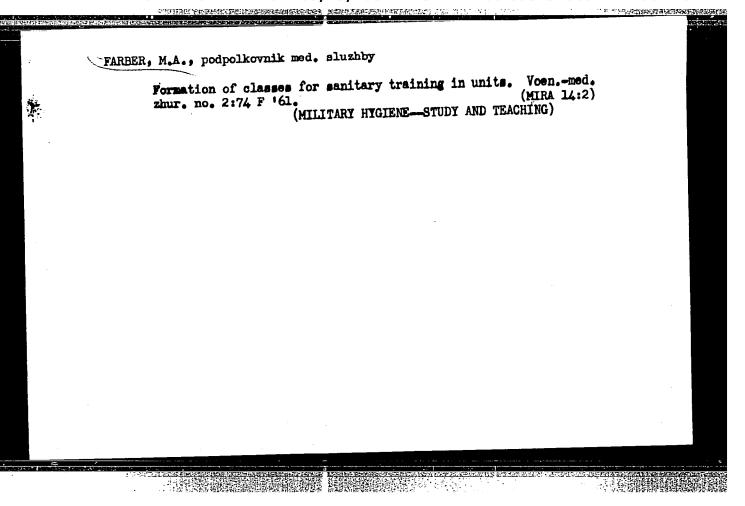
1. Iz Marvskoy gorodskoy bol'nitsy (glavnyy vrach A.I.Blum).

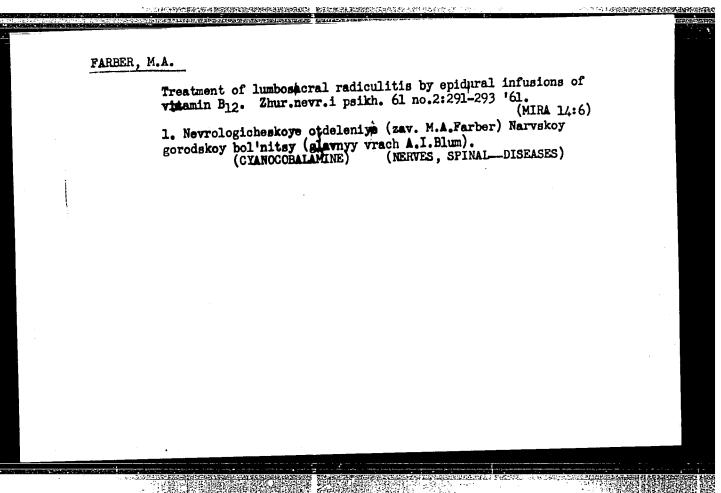
(ACRTA dis.)



# Vitamin B₁₂ in the clinical treatment of diseases of the nervous system; survey of the foreign literature. Klin.med. 38 no.9*19-27 S '60. 1. Iz nevrologicheskogo otdeleniya (zav. M.A. Farber) Narvakoy bol'nitsy (glavnyy vrach A.I. Elum). (CYANOGOBALAMINE) (NERVOUS SYSTEM-DISEASES)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000412420012-5"





FAREKR, M.A., kand. med. nauk (Narva)

Medicinal therapy of lumbosacral radiculitis; review of literature.

Klin. med. 41 no.9832-36 S'63 (MIRA 17:3)

1. Iz nevrologicheskogo otdeleniya Narvskoy gorodskoy bol'nitsy

(glavnyy vrach A.I. Elum).

MEL'NIKOV, N.N.; VOL'FSON, L.G.; KUZNETSOVA, K.V.; SAPOZHKOV, Yu.N.;
GAR, K.A.; GRANIN, Ye.F.; PARBER, M.S.

Insecticides based on hexachlorocyclopentadiene. [Trudy] NIUIF
no.164:8-11 '99. (Cyclopentadiene)

(Cyclopentadiene)

POPOV, P.V.; ROSLAVTSEVA, S.A.; FARBER, M.S.

Stability of chlorophos. Zashch. rast. ot vred. 1 bol. 8 no.3:36 Mr '63.

1. Nauchno-issledovatel'skiy institut po udobreniyam 1 insektofungisidam.

FARBER, M.S.; ROSLAVTSEVA, S.A.; POPOV, P.V.

Stability of chlorophos solutions. Zh. mikrobiol. 40 no.7:
11-12 J1'63

(MIRA 17:1)

1. Nauchnogo instituta po udobreniyam i insektofungitsidam imeni Samoylova.

BOGDANOV, I.L., professor; FARRER, N.A., kandidat meditsinskikh nauk

Clinical aspects and diagnosis of virus influenza in scarlet fever
in children. Pediatrifa no.6:45-50 N-D *54. (MLRA 8:4)

1. Iz Kiyevskogo instituta infekts. bolesney AMM SSSR
(SCARLET FEVER, complications
influenza, diag. & ther.)
(INFLUENZA, in inf. and child
in scarlet fever, diag. & ther.)

#### FARBER, N.A., kand.med.nauk

Characteristics of jaundice in pregnant women. Sov.med. 25 no.12: 48-55 D '61. (MIRA 15:2)

一、日本學生物學學所有的學術學的學術學的學術學的學術學的學術學

1. Iz instituta virusologii imeni Ivanovskogo (dir. - prof. P.N. Kosyakov, zav. klinikoy - prof. N.V.Sergeyev [deceased]) AMN SSSR na base Moskovskoy klinicheskoy infektsionnoy bol'nitsy No.2 (glavnyy vrach A.M.Pyl'tsova).

(HEPATITIS, INFECTIOUS) (PREGNANCY, COMPLICATIONS OF)

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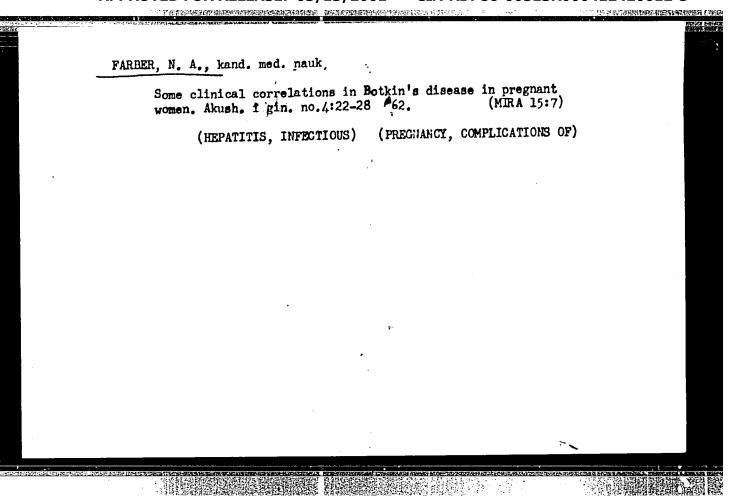
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#### FARBER, N.A., kand.med.nauk

Differential diagnosis and clinical characteristics of jaundice in pregnant women. Akush.i gin. no.6:54-60 '61. (MIRA 14:12)

1. Iz kliniki virusnykh . zabolevaniy (zav. - prof. N.V. Sergiyev [deceased]) Instituta virusologii imeni D.I. Ivanovskogo AMN SSSR (dir. - prof. P.N. Kosyakov) na baze klinicheskoy infektsiomoy bol'nitsy No.2 (glavnyy vrach A.M. Pyl'tsova).

(PREGNANCY, COMPLICATIONS OF) (HEPATITIS, INFECTIOUS)



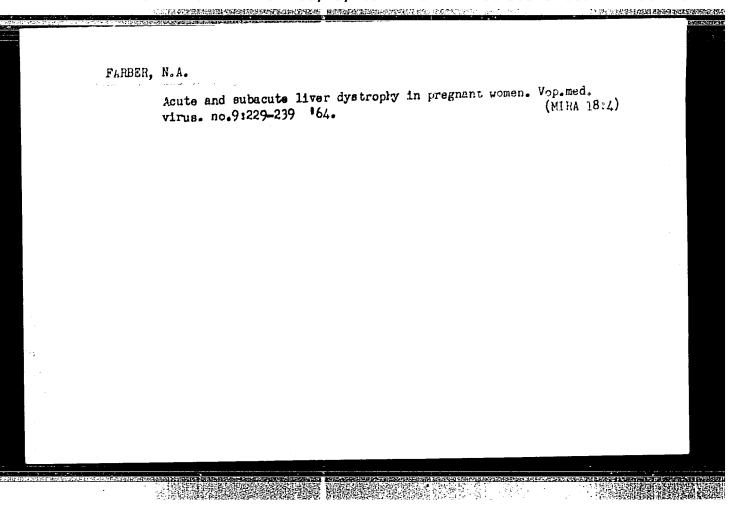
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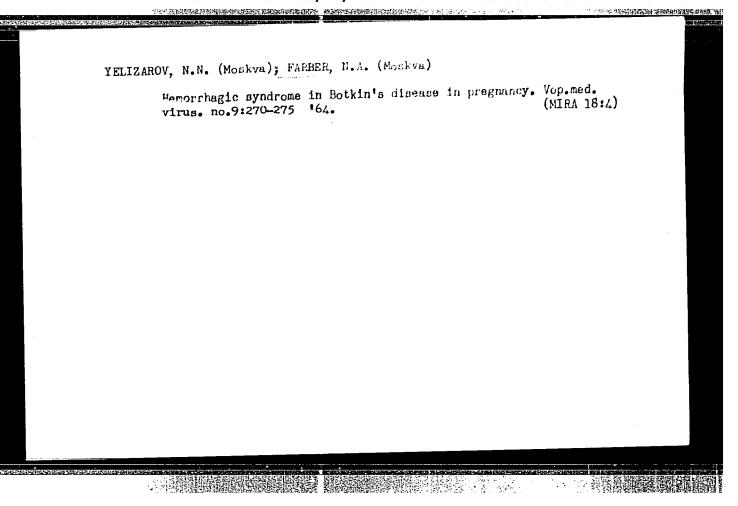
### FARBER, N.A., kand.med.nauk

Controversial questions in the diagnosis and treatment of Botkin's disease in pregnancy; apropos of IU.A. Romanov's and G.K. Kusainova's articles in "Voprosy okhrany materinstva in detseva" No.3, 1961. Vop. okh. mat. i det. 7 no.3:64-68 Mr '62. (MIRA 15:5)

1. Iz klinicheskogo otdela (nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. A.F.Bilibin) Instituta virusologii imeni D.I. Ivanovskogo (dir. - prof. P.N.Kosyakov) AMN SSSR na baze klinicheskoy infektsionnoy bol'nitsy No.2 (glavnyy vrach A.M.Pyl'tsova).

(HEPATITIS, INFECTIOUS) (PREGNANCY, COMPLICATIONS OF)



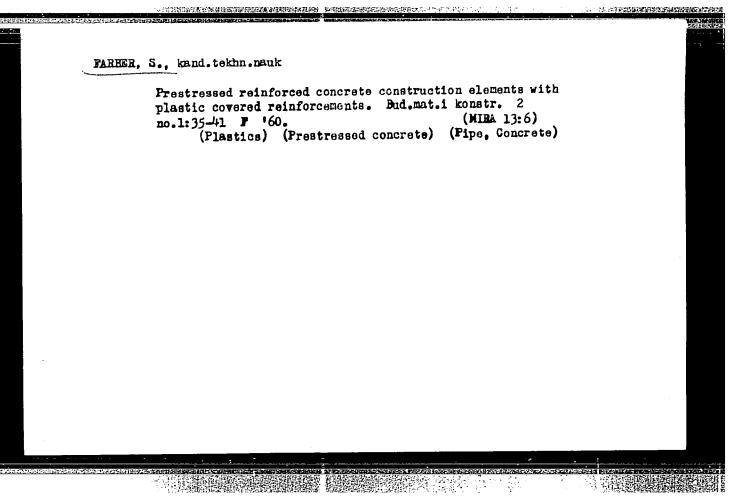


FARBER, N.A.; SINAYKO, G.A.; KOVREVA, T.S.; MIDRO, O.S.; ANDPEYEVA, N.A.

Evaluation of the therapeutic action of dioron in Botkin's disease. Sov. med. 28 no.10;127-131 0 '65. (MIRA 18:11)

1. Klinicheskiy otdel (zav.- dotsent Ye.S. Ketiladze, nauchnyy rukovoditel' - prof. A.F. Bilibin) Instituta virusologii imeni Ivanovskogo (dir.- prof. V.M. Zhianov) AMN SSSR i Moskovskaya gorodskaya klinicheskaya infektsionnaya bol'nitsa No.82 (glavnyy vrach - kand. med. nauk A.V. Yeremyan), Moskva.

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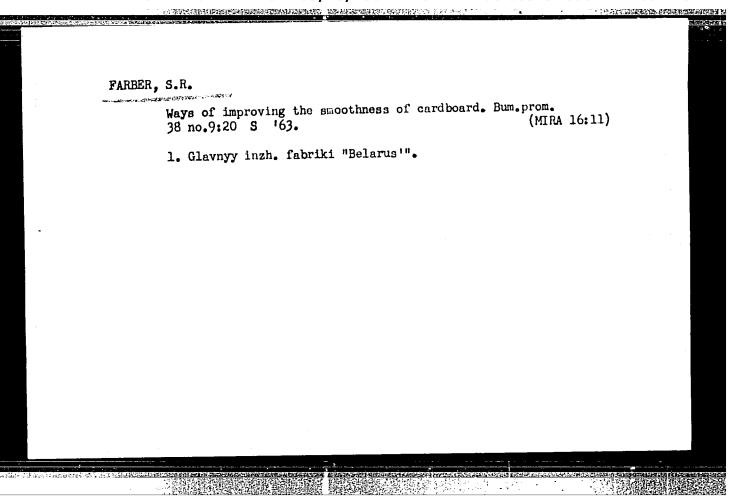
- 1. MIKHAILIK, A. F.: FARBER, J. G.: YEPEL'BAUK, G. Ye.
- 2. USSR (600)
- 4. Ceilings
- 7. Layer panels for ceilings. Biul. stroi. tekh. 9 no. 21, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

NABIYEV, M.N.; PALETSKIY, G.V.; ANISIMKIN, I.G.; REHENKO, M.; KALININ, Ye.P.; TROFIMOV, S.M.; VURGAFT, G.V.; POPOV, V.S.; KOROLI, P.Z.; KULIK, A.A.; KALIMAN, L.A.; FARBER, S.I.; MATVEYEVA, N.Ye.; GAVRILOV, V.S.; KADYROV, V.E.; ILIYASOV, A.I.; YAKUBOV, S.G.; PROSKURIN, M.P.; NESTERENKO, A.P.; DEZHIN, N.D.; KOCHEROV, V., red.; POPOV, V., red.; SALAKHUTDINOVA, A., tekhn. red.

[Chirchik, a city of major industrial chemical complexes]
Chirchik - gorod bol'shoi khimii. Tashkent, Gosizdat UESSR,
1962. 82 p. (MIRA 16:6)

Chlen-korrespondent Akademii nauk UzSSR (for Nabiyev).
 Rabotniki Chirchikskogo elektrokhimkombinata (for all except Nabiyev, Kocherov, Popov, V., Salakhutdinova).
 (Chirchik-Chemical plants)



FARBER					
	Hydraulic stand fo 40 no.12:43 D '62	r riveting brake s	hoes. Avt.transp. (MIRA 1)	5:12)	
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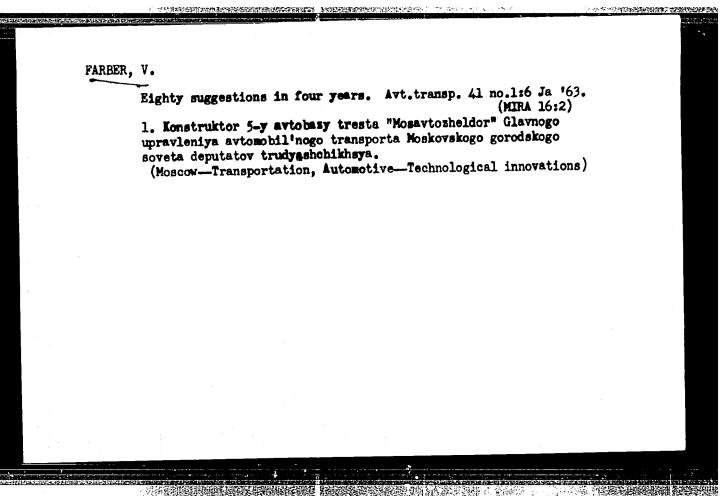


		图 40 加州主政府中央的500m 中国的100m 100m 100m 100m 100m 100m 100m 100m	PA 53T74	asien.		
PARBER,	V. B.,	LT COLI	FR 33114			
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		es. P. Botkin, Founder and Organ of Matical Scientific Clinical B. Farber (Med), 12 pp	nizer of the School Medicine," Lt Cal V.			
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	Eistorical biography of Botkin, founder of Russian school for clinical therapy. Presents data for 19th century.					
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Influence of increased atmospheric pressure on haematopoiesis Klinicheskaya
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The effect of increased atmospheric pressure on haematopoiesis was investigated in five healthy men aged 19 to 32 years. There was a control period of 26 days before the experiments during which blood counts and sternal marrow smears were studied. Subjects were exposed to an oxygen pressure of 1 atmosphere at intervals of four to seven days, and later to an oxygen pressure of 2 to 2.3 atmospheres. Subjects at rest in a pressure chamber breathed oxygen from a Douglas bag. After five hours' exposure of 1 atmosphere, there was no change in erythropoiesis. There was myelocytic reaction in the bone marrow and a slight increase in meutrophile cells in the peripheral blood for about eight hours after the experiment. Thrombocytes were not affected. After similar exposure to 2.3 atmospheres oxygen pressure, there was an insignificant depression of erythropoiesis and of pro-erythroblasts in the marrow, for 2h hours. Neutrophils slightly increased in the peripheral blood and neutrophile myelocytes and meta-myelocytes in the marrow for about ten hours. After daily exposure to 1 atmosphere, oxygen pressure for 22 days followed by 2.3 atmospheres for 12 days, there was a significant fall in erythrocytes with hypochromia and reticulocytosis. Erythroblasts and pro-erythroblasts became less common in the marrow. There was a tendency to leucopenia, lymphocytosis, and thrombocytopenia. Myeloid tissue in the bone marrow was depressed and a plasmocytic reaction appeared. Two days after the end of the experiment the blood picture returned to normal. In these experiments leucocytes responded to change in atmospheric pressue before erythrocytes. 17 references. Gilder--(World Medical Abstracts)

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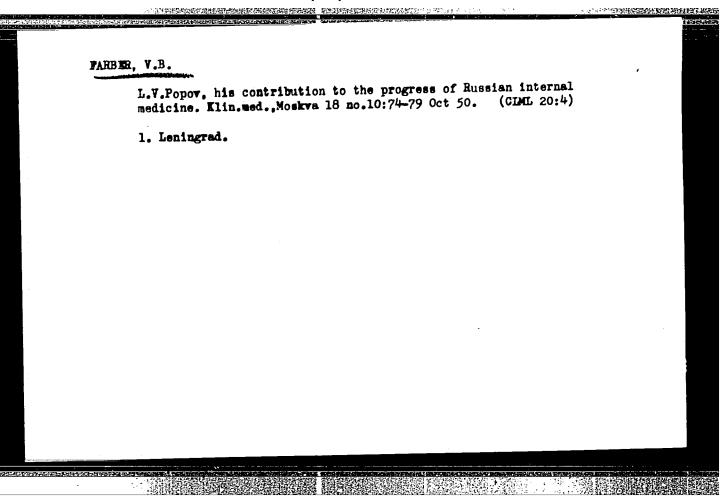
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